Annual Report

AS TO THE

SANITARY CONDITION

OF THE

Depwade Rural District

FOR THE YEAR

— 1914 —

BY

FREDERICK N. H. MAIDMENT,

MEDICAL OFFICER OF HEALTH,

Fellow of the Royal Institute of Public Health.

HARLESTON;

A. H. CANN, PRINTER, MARKET PLACE.

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The Annual Report

For the Year 1914 of

THE MEDICAL OFFICER OF HEALTH TO THE DEPWADE RURAL DISTRICT COUNCIL.

HARLESTON,

January, 1914.

MR. CHAIRMAN, LADIES AND GENTLEMEN,

I have the honour to present to you my second Annual Report upon your Sanitary District, for the year 1914.

The year has seen a temporary increase of work, owing to a number of regulations now in force with relation to the quartering of the Military in the District.

I have made an inspection of the more permanent billets, and although the accommodation selected for the men is moderate, their standard of health so far as I can ascertain is excellent. No epidemics of infectious diseases have occurred amongst the troops, or have been occasioned by "contacts" back on furlough. A summary of Notifications of Infectious Diseases has been sent each week to the Senior Medical Officer at Scole.

Considering the extra strain upon it, the Public Health throughout the year has maintained its very fair average.

The area of your District is 79,742 acres, and the present population is estimated at 19,934 (vide Table 1.)

I here tabulate the populations, death returns, and rates of the separate parishes:—

EASTERN DISTRICT.

Parish.	Population 1912.	Number of Deaths 1911.	
Alburgh	449	4	8.9
Billingford	185	2	10.8
Brockdish	363	3	8.2
Denton	376	6	15.9
Dickleburgh	with		
Langmere	776	10	12.8
Earsham	603	8	13.3
Fritton	180	1	5.5
Hardwick	211	7	33.1
Hempnall	792	22	27.7
Morningthorp	e 136	0	0
Needham	307	5	16.2
Pulham Mark	et 678	18	26.5
Pulham Mary	738	5	6.7
Redenhall wit	:h		
Harleston	1882	29	15.5
Rushall	190	2	10.5
Scole with Th	orpe		
Parva & Fr	enze 610	10	16.3
Shelton	179	3	16.7
Starston	444	4	9.0
Stratton St. M	lary 635	9	14.1
Stratton St. M	ichael 244	3	12.2
Tasburgh	355	6	16.9
Thelveton	194	1	5.1
Thorpe Abbot	ts 188	2	10.6
Wortwell	357	5	14.0

WESTERN DISTRICT.

Parish.	Population 1912	Number of Deaths 1914.	Rate per 1,000 population.
Ashwellthorpe	351	3	8.5
Aslacton	280	1	3.6
Bressingham	504	· 1	7.8
Bunwell	771	9	11.7
Burston	331	4	12.1
· Carleton Rode	166	11	66.2
Fersfield	261	2	7.6
Forncett St. M	ary 199	5	25.0
Forncett St. P.	eter 524	6	11.4
Fundenhall	231	6	26.0
Gissing	364	3	8.0
Hapton	154	1	6.4
Moulton	318	4	12.5
Roydon	698	9	11.4
Shelfanger	360	3	8.3
Shimpling	157	3	19.8
Tacolnestone	308	5	16.2
Tharston	296	6	20.2
Tibenham	530	5	9.2
Tivetshall St.			
Margaret	400	5	12.5
Tivetshall St. M	Mary 247	3	12.2
Wacton	199	4	20.0
Winfarthing	397	6	15.15

The following parishes have been systematically

Inspections

under the Housing and Town Planning Act.

inspected:

Earsham Moulton

Forncett St. Peter Tharston, and

Hapton Wacton

Thus completing (with few exceptions) the first nspection of the whole District.

vide Table V.

During the year 1419 houses have been inspected and records made.

Number of Houses found not reasonably fit for human habitation 18.

Number of Houses for which Notices were given to execute Works 182.

Houses in respect of which defects were remedied without Closing Order 161.

Number of Houses in respect of which landlords elected to close houses instead of complying with Notices 9 viz.:—

Dickleburgh with Gissing 1.

Langmere 1. Pulham St. Mary Virgin 2.

Fersfield 3. Winfarthing 1.

Forncett St. Mary 1.

Number of Houses found to be totally unfit for human habitation 9.

Aslacton I. Moulton I.

Hardwick 3. Stratton St. Mary 4.

Houses represented to you as being totally unfit for human habitation 6.

Houses closed voluntarily 3.

Houses made fit for human habitation after Closing Order was made, for which Council determined Closing Order, 2.

Tivetshall St. Margaret

Houses demolished voluntarily:— Redenhall with Harleston 5.

Houses for which Demolition Orders were made 8.
Stratton St. Mary 4. Aslacton 1. Hemphall 3.

Houses demolished compulsorily:—
Aslacton 1.

Appeals against Notices to execute Works, or Closing or Demolition Orders—nil.

I beg to draw your attention again to the fact that of the 25 Closing Orders made, 5 are still occupied, after the time allowed has expired. This is a regrettable matter for these houses are undoubted obstacles to Public Health.

The following New Buildings have had plans New Buildings submitted, the same passed by you:—

Alburgh—2 Cottages.

Ashwellthorpe—House.

Ashwellthorpe—Additions to Cottage.

Bressingham—Alteration of Farm House into 2 Houses.

Brockdish—House.

Harleston—Additions to Cottage.

Hempnall—House.

Pulham St. Mary Virgin-Additions to School.

Redenhall with Harleston—Hall.

Stratton St. Mary—Cottage.

Tivetshall St. Mary—New Rectory.

Three cases of Overcrowding have been dealt with. Overcrowding

Of Nuisances:-

Nuisances

Complaints received 15.

Notices served 140.

Statutory Notice 1.

Total number of Nuisances abated during the year 166.

Summonses nil.

Drainage &c.

44 New Drains.

15 Drains repaired, relaid. etc.

13 Additional Closets provided for old property.

24 Privies repaired or reconstructed.

The Beck at Harleston has been cleaned out.

Water Supply

No public water service exists in your district. The largest proportion of the drinking water comes from shallow wells.

The factories and maltings obtain good supplies from deep borings.

In many of the villages, the cottagers have to rely upon pond water to the detriment of their health.

During 1914 eighteen samples of water have been analysed of which:—

Passed as potable 10.

Condemned

Referred, for cleaning or repairing of wells 5.

7 New Wells have been sunk.

Certificates P.H. (Water) Act 1878

5 Certificates granted under the Act for the following properties:—

Two Cottages at Forncett St. Mary.

House at Tacolnestone.

Rectory at Tivetshall St. Mary.

House at Tasburgh.

" Brockdish.

Bakehouses

Bakehouses have been inspected.

I cleaned and limewhited.

Slaughter houses Slaughter houses have been inspected.

I notice to clean.

1 repaired.

Knackers yards have been inspected and found Knackers yards satisfactory.

Number of Milk sellers who are Cow keepers 46.

Dairies and Cowsheds

Milk seller who is Purveyor only 1.

Total on Register 47.

Number of inspections 62.

Notices served as to cleaning or remedying defects 15.

Number of Cowsheds rebuilt or remodelled 6.

Removal of animals improperly kept 3.

Various

Houses disinfected 37.

121 premises are registered as coming within the Workshops meaning of the Act.

Number of inspections 37.

Number of defects remedied 4.

I regret to record that our Assistant Inspector Mr. J. H. Porter resigned at the end of June, having obtained another appointment at Kettering. This leaves Mr. Whitewood again without any assistant.

The following schools have been closed on account School Closure of outbreaks of Epidemic diseases:-

School.	Closed.	Re-opened.	Cause.
Bunwell	Jan. 1st	Jan. 9th	Measles
Fundenhall	Jan. 12th	Jan. 20th	Whooping Cough
Forncett St. Peter	Jan. 19th	Jan. 23rd	Measles
2.5	Feb. 9th	Feb. 27th	Measles
Redenhall		Feb. 6th	Influenza
Aslacton	Feb. 24th	Mar. 3rd	Measles
11	Mar. 16th	Mar. 20th	"
Tivetshall	April 23rd	May 15th	11
Dickleburgh	Dec. 17th	Dec. 23rd	Scarlet Fever

Isolation Hospital There is at present no Isolation Hospital in your district. It would be a valuable asset in the prevention of Epidemic notifiable diseases, more especially at this present time when bodies of the Military are quartered here. The times are hardly favourable for the large outlay that would be necessary, but the proposition that three or more of the neighbouring districts should consider amalgamation for the purpose of providing such accommodation, is worth your consideration.

Zymotic Disease I hereunder give a comparative table of Notifiable diseases for the past 6 years.

	Diphtheria	Enteric Fever,	Erysipelas.	Puerperal Fever,	Scarlet Fever.	Pulmonary Tuberculosis.	Total.
1909	2	I	4	0	IIO	0	117
1910	12	4	8	О	20	0	44
1911	6	3	6	I	12	I	29
1912	3	I	8	I	35	37	85
1913	20	I	8	0	3	5	37
1914	8	6	S	2	62	16	102

Of the mortality of Notifiable diseases:—

Diphtheria—2 deaths.

Hempnall I. Norfolk and Norwich Hospital I.

Enteric Fever—1 death, Langmere.

Pulmonary Tuberculosis—6 deaths.

Winfarthing I.
Forncett St. Peter I.
Aslacton I.

Dickleburgh 1.
Hempnall 1.

Union 1.

Other forms of Tuberculosis—3 deaths.

Tacolnestone 1.

Forncett 1.

Shelfanger 1.

Influenza—9 deaths.

Burston I.

Denton 1.

Fersfield 1.

Alburgh 1.

Carleton Rode 2.

Union Workhouse 2.

Harleston 1.

Of the distribution of Infectious diseases—

Erysipelas—8 cases.

Winfarthing 1.

Denton 1.

Tivetshall 1.

Roydon 2.

Alburgh I.

Starston 2.

Diphtheria—8 cases.

Hempnall 2.

Pulham 2.

Long Stratton 1.

Ashwellthorpe 2.

Harleston I.

Enteric Fever-6 cases.

Harleston 2.

Earsham 1.

Langmere 3.

Puerperal Fever—2 cases.

Hempnall 1.

Alburgh 1.

Pulmonary Tuberculosis—16 cases.

Pulham 2.

Hempnall 2.

Harleston 4.

Long Stratton 1.

Alburgh 1.

Forncett St. Peter 1.

Bunwell 2.

Earsham 2.

Tivetshall 1.

Scarlet Fever-62 cases.

Brockdish 5. Rushall 1.
Burston 1. Shelton 8.
Denton 2. Shelfanger 1.

Harleston 2. Shimpling 3. Hardwick 4. Wacton 1.

Dickleburgh 8. Long Stratton 6.

Forncett St. Peter 3. Fersfield 4.

Morningthorpe 6. Roydon 1.

Earsham 5. Needham 1.

The outbreak of Enteric Fever at Langmere was traced to a case imported into the district, from Yarmouth Fever Hospital, whilst still in the incubation stage. One of the cases at Harleston was a contact with this case.

The cases of Scarlet Fever were for the most part of mild form, and no mortality took place.

Of Epidemics not coming under the Notifiable diseases have occurred—

Chicken Pox:-

New Buckenham in October.
Hapton in April.
Rushall in January.
Scole in February.
Wortwell in May.

Measles :-

Aslacton in March.
New Buckenham in May.
Carleton Rode in May.
Forncett in February.
Tibenham in April.
Tivetshall in April.

Mumps:-

Dickleburgh in January. Winfarthing in November.

Influenza:-

Redenhall in February.

Whooping Cough: -

Fundenhall in January.

Moulton in September.

Starston in December.

Tasburgh in May.

Tacolnstone in May.

The mortality arising from these outbreaks is small:—

Measles 1. Influenza 1.

The number of Births registered in the district Births. is 389 and the birth-rate 18.92. I here give the comparative table for the last 6 years.

Year.	Males.	Females.	Total.
1909	212	208	420
1910	182	206	388
1911	180	188	368
1912	180	189	369
1913	209	180	389
1914	168	210	378

The Infant Mortality is low: a large proportion of the 31 deaths is accounted for in the Prematurity column.

Deaths.

The total number of deaths registered as having occurred in your district is 270, and of those transferred from other districts is 31, bringing the total deaths belonging to the district up to 301.

Of the transferable deaths: -

21 occurred at the Norfolk and Norwich Hospital.

Appendicitis—5.

Pneumonia—2

Diabetes-2.

Accidents-2.

Cancers—2.

Influenza-1.

Diphtheria—1.

Cerebral Hemorrhage—1.

Intussusception—1.

Cholecystitis—1.

Burns—1.

Nephrotomy—1.

Epileptic Coma—1.

7 occurred at Thorpe Asylum.

Cardiac Disease—2.

Congestion of Lungs—1.

Epilepsy—1.

Mania—1.

Melancolia—1.

General Paralysis—1.

I occurred at Jenny Lind Hospital.

Diphtheria.

I occurred at Ditchingham Hospital.
Bronchitis.

I occurred at Eastern Counties Institution.
Hydrocephalus.

The average age for the two sexes at death for the year is:—

Males.	Females.	Total.
54.9	56.4	55.7

Of the 301 deaths, 160 have occurred in persons of 65 and upwards, and one at the age of 105.

I give a table of the Cancer mortalities for the past six years:—

Years.	Males.	Females.	Total.
1909	9	14	23
1910	I 2	15	27
1911	13	8	21
1912	16	20	36
1913	10	16	26
1914	14	12	2 6

Of the 26 cases, the distribution of the disease was as follows:—

Of Violent Deaths, 7 cases.

Drowning —1.

Burns—2.

Motor Accident—1.

Fall from ladder—1.

Trap accident—1.

Fall, fractured Thigh—I.

Of Suicide, 4 cases.

Cut Throat—2.

Drowning—2.

Of 51 cases of Organic Heart Disease:—
33 have occurred in persons over 65 years of age.

No action has been taken by you under the "Sale of Foods and Drugs Act."

I have the honour to remain,

Mr. Chairman, Ladies and Gentlemen, Yours obediently,

FREDERICK N. H. MAIDMENT,

M.B., B.S., (Lond.) F.R.C.S. (Edin.) L.R.C.P.. &C F.R.I.P.H.. M.S.M.O.H.,

Medical Officer of Health,

Depwade Rural District Council.

Vital Statistics of Whole District during 1914 and previous Years.

DEPWADE RURAL DISTRICT.

	to		Births	;, 	De.	OTAL ATHS STERED		SFER- LE ATHS	NET	T DEATH TO THE I	s belon District	
	estimated to each year.	Number.	N I	ETT.	IN	DISTRICT.		egis- rict.	Unde Year o	r One of age.	At all	ages.
YEAR.	Population estin	Uncorrected Nu	Number.	Rate.	Number.	Rate.	of Non-Residents registered in the District.	of Residents not regis- tered in the District.	Number.	Rate per 1,000 Nett Births.	Number.	Rate.
1	•)	3_	4	5	6	7	8	9	10	11	12	13
												·
1909	19,178	420		21.9	259	13.3			33	78.4	259	13.3
1910	18,125	388		21.9	234	129			22	56.6	234	12.9
1911	19,934	368		18.46	230	11.53			48	130.4	230	11.35
1912	19,934	369		18.46	256	12.84			24	65.04	275	13.84
1913	19,934	389	390	19.56	262	13 14	0	29	28	71.79	291	14.45
1914	19,934	375	378	18.92	280	14.54	10	31	31	74.09	301	15.09

Total population at all ages 19,934 in 1911.

Area of District in acres (exclusive of area covered by water) 79,742.

Number of Inhabited Houses 4,869.

11. CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE YEAR 1914. TABLE

RURAL DISTRICT. DEPWADE

At all Ages. On the state of t	At Agest - Years, - 1 cars, - 1 cars	to to 65 65 and 65 and npwards.	Hastern – District. –	ନ - ତୀ		orn ioi, cr	9		Cases Removed
FIABLE DISEASE. Plague (P) (including 100us-croup) price of the constant of the con	15 to 25	bus 68	Hastern			ичэ ісt.			1
Plague (P) 8 1 8 .	 ::					ts5W rtsiQ		Ho	to Hospital.
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8 62 2 9 62 6 6	:	1	9	-:	:	ণ	:	0	:
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	:	:	:		• •				:
Totals 111 2 12 41	41 21 23	50	833			86	1		I-

institutions to which the residents in the district, suffering from infectious disease, have usually been sent, and the name of the Nortes -State in space below the name and position within or without the district of the isolation hospital or hospitals, sanatoria or other authority by whom the hospital is provided.

This space may be used for record of other diseases the notification (compulsory or voluntary) of which is in force in the district. These age columns for notifications should be filled up in all cases where the Medical Officer of Health, by inquiry or otherwise, has obtained the necessary information.

Isolation Hospital nil.

TABLE III. - CAUSES OF, AND AGES AT DEATH DURING YEAR 1914.

DEPWADE RURAL DISTRICT.

	NET							" resid		WHETHER
Causes of Death.	AII Ages.	Under I year	l and under 2 years	2 and under 5 years	5 and under 15 years	15 and under 25 years	25 and under 45 years	45 and under 65 years	65 and up- wards	Total Deaths whether of "Residents" or "Non residents" in Institutions in the District
1	2	3	-1	5	6	7	8	9	10	11
All Causes (Certified (c) Uncertified	297 14	31	.5	2 1	10	8	20 2	55 7	157 4	
Enteric Fever Small-pox Measles Scarlet Fever Whooping-cough Diphtheria and Croup Influenza Erysipelas Phthisis (Pulmonary Tuberculous Meningitis Other tuberculous diseases Caneer, malignant disease Rheumatic Fever Meningitis Organie Heart Disease Bronchitis	1 1 2 9 6 2 1 26 51 26	1	1 1		 2 1 	1	1	 2 4 7	 5 17 	 2 1 3
Pneumonia (all forms) Other diseases of respiratory organs Diarrhœa and Enteritis Appendicitis & Typhlitis Cirrhosis of liver Alcoholism Nephritis and Bright's	11 2 4 4 2	1 3 1 	 	1 l	 1 2		2 1 2	3 3 2 1 	20 2	7 1 1
Puerperal Fever Other accidents and diseases of Pregnancy and Parturition Congenital Debility and	9 1 	• • •		•••	•••	• • •	2 1	2	5	
Malformation, including Premature Birth Violent Deaths, excluding Suicide	21	18	2		1	•••			5	•••
Other Defined Diseases Diseases 111-defined or unknown	111	6		•••	2	4	10	17	72	6
unknown		•••		•••	• • •	•••			* * *	• •
	301	31	5	3	10	8	22	62	160	28

TABLE IV.—DEPWADE RURAL DISTRICT.

INFANT MORTALITY-1914.

Nett Deaths from stated Causes at various ages under One Year of Age.

CAUSES OF DEATH.	Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under	1-3 Months	3-6 Months	6-9 Months.	9-12 Months	Total Deaths under One Year.
All Causes. Certified Uncertified	•••	•••	•••	•••			•••	•••		
Small-pox							 	 	1	1
Totals	11	• • •	2	1	14	4	8	2	3	31

Nett Births in the Year-

Legitimate 364 Illegitimate 14 Nett Deaths in the Year-

Legitimate Infants 3 ...

TABLE V.
STATEMENT OF DWELLINGS INSPECTED,

-									
two s.	Occupied by	Child-ren.	45	98	12	26	24	35	178
Houses with two Bedrooms.	Occup	Adults.	100	70	26	63	61	49	898
Hous	.0	N	45	93.4	16	26	56	21	168
n one	Decupied by	Child ren.		23	:	•	:		2
Houses with one Bedroom.	Occupi	Adults.	17	6	:	8	6	:	43
Hous	.0	N	12	5	•	9	9	•	29
		5 and over.	81	89	14	40	33	30	266
ted.	300ms	4	26	19	00	17	11	Π	9.5
Inspec	Number of Rooms	က	26	47	12	10	23	14	141
Dwellings Inspected.	Numbe	22	9	4	:	9	9	•	22
Dw			6*	:	•	:	:	:	6
	•	N _O N	148	140	34	82	73	55	532
uoit	rind	$^{\rm Lo.}$	809	524	154	318	596	199	2094
					1				:
			•				:	•	
	Parish.		0 0 0	Peter	:	:	:	:	Parishes
	PA		n	t St.		<u></u>	u		or 6]
			Earsham	Forncett St. Peter	Hapton	Moulton	Tharston	Wacton	Totals for 6 Parishes

* Alms Houses.

Factories, Workshops, Workplaces and Homework.

1.—Inspection of Factories, Workshops and Workplaces.

Including Inspections made by Sanitary Inspectors or Inspectors of Nuisances.

	Number of			
Premises. (1)	Inspections 2	Written Notices, (3)	Prosecu- tions. (4)	
Factories (including Factory Laundries) Workshops (Including Workshop Laundries) Workplaces (Other than Ontworkers' premises included in Part 3 of this Report)	37			
Total	37			

2. Defects found in Factories, Workshops and Workplaces.

	Number of Defects				
Particulars.	Found.	Remedied		Number of Prosecutions.	
(1)	(2)	(3)	Inspector (4)	(5)	
Nuisances under the Public Health Acts:—*					
Want of cleanliness	-1	. 4			
Sanitary accommodation – Insufficient Unsuitable or defective					
Not separate for sexes Offences under the Factory and Workshop Acts:—					
Illegal occupation of underground bakehouse (s. 101)					
Breach of Special sanitary requirements for bakehouses (ss. 97 to 100)					
Other offences (Excluding offences relating to outwork which are included in Part 3 of this Report)					
Total	4	4			

^{*} Including those specified in Sections 2, 3, 7 and 8 of the Factor and Workshop Act, 1901, as remediable under the Public Health Acts.

Factories, Workshops, Workplaces and Homework

(CONTINUED).

4.—Registered Workshops.

Workshops on the Register (s. 131) at end of the year,	Number
(1)	(2)
Important Classes of Workshops, such as Workshop bakehouses may be enumerated here :—	
On Register	121
Total number of Workshops on Register	121

5. - Other Matters.

Class,	Number
(1)	(2)
Matters notified to H.M. Inspector of Factories:—	
Failure to affix Abstract of the Faetory and Workshop Acts (s. 133, 1901)	
Action taken in matters referred by H.M. Inspector as remediable under the Public Health Acts, but not under the Factory and Workshop Acts (s. 5, 1901)	
Notified by H.M. Inspector	
Reports (of action taken) sent H.M. Inspector	
Other	
Underground Bakehouses (s. 101):—	
Certificates granted during the year	
In use at the end of the year	

(Signature) F. N. H. MAIDMENT,

Medical Officer of Health.

Dated March, 1915.

